

Eye-Safe Laser Range Finder

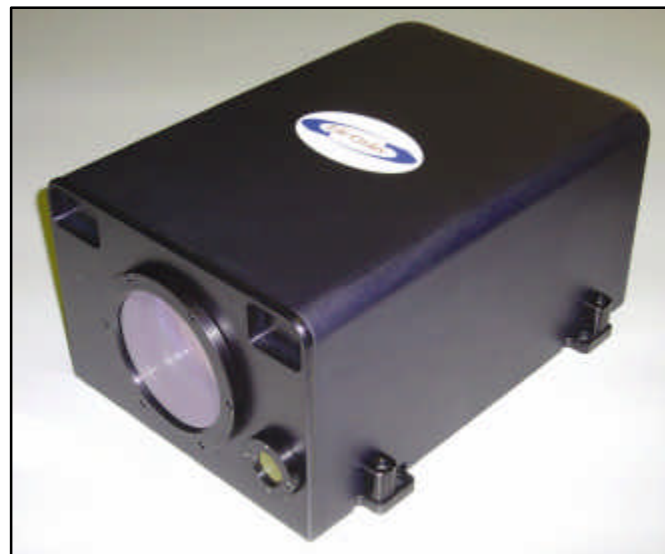


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VENDOR DESCRIPTION

Lite Cycles, Inc.'s Eye-Safe Laser Range Finders (ESLRF) offer features previously unavailable in existing systems. Our diode pumped, conductively cooled systems operate with PRF rates up to 100Hz while handling operating temperatures up to 55°C (131°F). LCI's Vista™ product family comes in standard packaging to meet common requirements and offers custom/modular configurations to meet specific application requirements.

With optional features such as Wave Form Digitization, multiple returns, various interface options, and more, the LCI Vista family is the leading Eye-Safe Laser Range Finder for difficult applications requirements including high-speed target tracking, cloud LIDAR, UAVs, UGVs, mapping and more.



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LIDAR

Hardware

Power: < 200 watts	Operating Altitude: Up to 10km
Weight: Under 50 lbs	Operating Temp.: -20°C to 60°C
Dimensions: 22" W x 20" D x 20" H max. (Variable per specification)	Storage Temp.: -40°C to 55°C
Range: 10m to 30km	Interface: User-definable. All industry standards available.
Range Accuracy: ± 2 m (Sub-foot accuracies available)	
Field of View: 1.0 mrad	
Transmitter: Solid-state laser diode pumped, air cooled, sealed	
Transmitter Wavelength: 1.5 μ m	
Laser Diode Lifetime: >10 ⁹ shots at full power	